

## Product datasheet

# Recombinant human WISP3 protein ab50049

### 製品の概要

製品名	Recombinant human WISP3 protein
タンパク質長	Full length protein

### 製品の詳細

由来	Recombinant
由来	Escherichia coli
アミノ酸配列	
生物種	Human

配列	TGPLDTTPEG RPGEVSDAPQ RKQFCHWPCK CPQQKPRCPP GVSLVRDGGC CCKICAKQPG EICNEADLCD PHKGLYCDYS VDRPRYETGV CAYLVAVGCE FNQVHYHNGQ VFQPNPLFSC LCVSGAIGCT PLFIPKLAGS HCSGAKGGKK SDQSNCSELP LLQQLSTSYK TMPAYRNLPL IWKKKCLVQA TKWTPCSRTC GMGISNRVTN ENSNCERKE KRLCYIQPCD SNILKTIKIP KGKTCQPTFQ LSKAEKVFVS GCSSTQSYKP TFCGICLDKR CCIPNKSAMI TIQFDCPNEG SFKWKMLWIT SCVCQRNCRE PGDIFSELKI L
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### 特性

Our [Abpromise guarantee](#) covers the use of **ab50049** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

生理活性	Biological Activity : The ED <sub>50</sub> was determined by the dose-dependant proliferation of the MCF-7 cell line. The expected ED <sub>50</sub> for this effect is 0.2-0.3 µg/ml.
アプリケーション	SDS-PAGE Functional Studies
エンドトキシン・レベル	< 0.100 Eu/µg
製品の状態	Lyophilised

### 前処理および保存

<b>保存方法および安定性</b>	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term.  This product is an active protein and may elicit a biological response in vivo, handle with caution.
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## 関連情報

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<b>機能</b>	Appears to be required for normal postnatal skeletal growth and cartilage homeostasis.
<b>組織特異性</b>	Predominant expression in adult kidney and testis and fetal kidney. Weaker expression found in placenta, ovary, prostate and small intestine. Also expressed in skeletally-derived cells such as synoviocytes and articular cartilage chondrocytes.
<b>関連疾患</b>	Defects in WISP3 are the cause of progressive pseudorheumatoid arthropathy of childhood (PPAC) [MIM:208230]. PPAC is an autosomal recessive disorder characterized by stiffness and swelling of joints, motor weakness and joint contractures. Signs and symptoms of the disease develop typically between three and eight years of age. This progressive disease is a primary disorder of articular cartilage with continued cartilage loss and destructive bone changes with aging.
<b>配列類似性</b>	Belongs to the CCN family. Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 1 IGFBP N-terminal domain. Contains 1 TSP type-1 domain.
<b>細胞内局在</b>	Secreted.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

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